



UNITED STATES DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
Patent Application

TITLE: A SPLIT STOP FOR AUTOMATIC SWIMMING POOL COVERS WITH A DUAL HYDRAULIC DRIVE SYSTEM

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ABSTRACT

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A split stop is described having a top member with a mating surface with two parallel half cylinder channels with lands defining an alignment slot between the channels which seats on base member with a complementary mating surface defining two parallel half cylinder channels but with a central alignment rail aligned between the channels and extending perpendicularly from one side. The mated surfaces of the top and base members define a cylindrical rope channel, and a cylindrical beaded tape channel with a longitudinally communicating gap. The alignment rail extending perpendicularly from the side of the base member is dimensioned for insertion into a rectangular space between the respective "C" and rope channels of typical pool cover track to assure alignment of the rope and beaded tape channels of the split stop with the corresponding rope and "C" channels of the track. The invented split stop is adapted to be secured at the respective ends of a pair of swimming pool cover tracks for positively arresting translation of a slider sliding within "C" channels of the track supporting a rigid leading edge of a swimming pool cover above a swimming pool.

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